# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|-------------------|---------|------------|
| L1 | 314 | ("20020093053"\|"5675164"\|"5780911"\|"5965914"\|"6127702"\|"6355532"\|"6413802"\|"6562665")".PN" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/24 11:03 |
| S1 | 181 | ("20020006687"\|"20020057468"\|"20020089025"\|"20020096729"\|"20020113296"\|"20020145676"\|"20030062601"\|"20040012698"\|"20040023469"\|"20040038442"\|"20040041261"\|"20040082094"\|"20040214373"\|"20040245649"\|"20050052751"\|"20050104228"\|"20050110889"\|"20050127478"\|"20050151228"\|"20050236708"\|"20050254133"\|"3345134"\|"4534100"\|"4906314"\|"5130783"\|"5371397"\|"5424573"\|"5435887"\|"5505804"\|"5560047"\|"5593913"\|"5605783"\|"5672519"\|"5694246"\|"5708293"\|"5771158"\|"5776824"\|"5811799"\|"5821532"\|"5857963"\|"5861654"\|"5877040"\|"5897338"\|"5914488"\|"5977535"\|"5998862"\|"6080291"\|"6104086"\|"6114240"\|"6143588"\|"6236046"\|"6259083"\|"6266197"\|"6274927"\|"6285064"\|"6351027"\|"6372548"\|"6407381"\|"6411439"\|"6483652"\|"6503780"\|"6541762"\|"6566745"\|"6603183"\|"6617623"\|"6661047"\|"6667551"\|"6670986"\|"6686588"\|"6703310"\|"6734419"\|"6759266"\|"6774486"\|"6778046"\|"6791076"\|"6795120"\|"6797616"\|"6800943"\|"6813154"\|"6825458"\|"6828663"\|"6828674"\|"6844978"\|"6864172"\|"6882021"\|"6885107"\|"6934065"\|"6946325").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:22 |
| S2 | 2 | "5780911".PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 11:25 |

| S3 | 41603 | (ernst or borel).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:27 |
|----|--------|----------------------|----|----|----|----|
| S4 | 2953 | "commissariat a l'energie atomique".as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:28 |
| S5 | 30 | S3 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:31 |
| S6 | 73443 | (serrated or crenellated) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:32 |
| S7 | 504782 | stack | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:31 |
| S8 | 980 | S6 same S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:31 |
| S9 | 1 | S4 and S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/24 11:03 |
| S10 | 95372 | microelectronic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:32 |

| S11 | 8630 | S7 and S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:32 |
|-----|------|------------|------|-----|-----|------|
| S12 | 4996413 | (serrat$3 or crenellat$3 or step$3 or indent$3 or notch$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:33 |
| S13 | 48884 | S10 and S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:33 |
| S14 | 73076 | S12 same S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:34 |
| S15 | 37354 | S12 with S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:34 |
| S16 | 994 | S15 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:36 |
| S17 | 33466 | (short near3 channel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 16:03 |
| S18 | 63 | S16 and S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:45 |

# EAST Search History

| S19 | 9183 | channel near3 stack$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:45 |
|---|---|---|---|---|---|---|
| S20 | 26 | S18 and S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:50 |
| S21 | 3448 | stack$3 near5 (source and drain) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:50 |
| S22 | 8 | S20 and S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:55 |
| S23 | 6310553 | bar or block or zone or blade | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:56 |
| S24 | 4509 | (bar or block or zone or blade) near5 parallelepiped$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:56 |
| S25 | 15 | S17 and S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 07:58 |
| S26 | 14485 | S17 and S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 08:11 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S27 | 10305 | S26 and S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 08:11 |
| S28 | 524 | S27 and S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 08:12 |
| S29 | 841116 | stack$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 08:12 |
| S30 | 207 | S28 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 08:29 |
| S31 | 2 | "3983264".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 08:32 |
| S32 | 2 | "5021365".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 08:32 |
| S33 | 2 | "4056642".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 08:33 |
| S34 | 2 | "4811077".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 08:33 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S35 | 2 | ep-789388-$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 08:31 |
| S36 | 251047 | channel with S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 11:27 |
| S37 | 1947 | S36 and S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 11:27 |
| S38 | 546 | S37 and (source and drain) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 11:28 |
| S39 | 472 | S38 and gate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 11:28 |
| S40 | 1584 | finfet or fin$1fet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 09:50 |
| S41 | 9183 | channel near3 stack$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 08:34 |
| S42 | 64 | S41 and S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 08:46 |

# EAST Search History

| S43 | 2 | "6924178".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 08:48 |
|-----|------|---------------|---------|----|----|------------------|
| S44 | 2 | "6413802".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 08:51 |
| S45 | 3 | "7105934".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 08:52 |
| S46 | 2 | "7023032".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 08:54 |
| S47 | 2 | "7045401".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 08:59 |
| S48 | 1061 | (channel with stack$3 ) with (width or serrated or stepped or crenellated) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 09:01 |
| S49 | 14 | S40 and S48 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 09:05 |
| S50 | 32 | (channel with stack$3) with (different near5 width) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 09:06 |

| S51 | 1 | S50 and S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 09:06 |
|---|---|---|---|---|---|---|
| S52 | 112663 | (different or alternat$3) near5 width | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 09:11 |
| S53 | 90 | S40 and S52 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 09:11 |
| S54 | 28447 | (stack$3 with channel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 09:11 |
| S55 | 14 | S53 and S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 09:11 |
| S56 | 30 | ("20050035415"\|"5893741"\|"6252284"\|"6342410"\|"6391695"\|"6391782"\|"6413802"\|"6432829"\|"6451656"\|"6475890"\|"6492212"\|"6525403"\|"6635909"\|"6720619"\|"6764884").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 09:50 |
| S57 | 12 | ("20020185655" \| "20030151077" \| "4859623" \| "5223724" \| "5266506" \| "5689127" \| "6300182" \| "6365465" \| "6372559" \| "6413802").PN. OR ("6921700").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/20 14:53 |
| S58 | 10 | ("6562665"\|"6127702"\|"5965914"\|"6413802"\|"5675164").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 16:04 |